

MINUTES OF MEETING

Name of the Meeting	First TSDSI General Body Meeting (GBM)
Date	14 th October, 2014
Time	14:00 to 17:00 hrs
Venue	Exhibition Hall, Mezzanine Floor, C-DOT Campus, Mandi Road, Mehrauli, New Delhi 110030
Status	Draft (to be approved by the GBM in its next meeting)

Chairman Dr Kumar Sivarajan welcomed all members to the First General Body meeting and thanked them for becoming members of TSDSI. Dr Kumar emphasized that TSDSI is expected to play a major role in Indian telecom sector and solicited cooperation of all members to achieve the goals and objectives of TSDSI through enthusiastic participation.

Secretary, TSDSI, Prof Abhay Karandikar then briefed the members about the progress made by TSDSI so far. He also informed that so far four (4) meetings of the Governing Council (GC) have been held. Minutes of the meetings of GC including the decisions taken thereof have been circulated to all members for information.

Item 1. Ratification of RNES, M2M and Core Working Groups

Members were informed that GC has approved the formation of four working groups namely Radio Network and Spectrum (RNES), Machine to Machine (M2M), Core and Backhaul. RNES, M2M and Core working groups have already started working and witnessed substantial participation. It was also proposed by Dr Asok Chatterjee, ED (Standardization) that formation of two more Working Groups- namely Energy Efficiency or Green Telecom and Security may be approved and requested the General Body to accord its approval.

The General Body ratified the formation of RNES, M2M, Core and Backhaul working groups. The proposal for forming new working groups on Energy Efficiency and Security was also approved and Governing Council was authorized to constitute these Working Groups.

Item 2. Ratification of Working Group Procedures

Members were informed that operating procedures for Working Groups are being worked out. The General Body authorized the Governing Council to approve the final draft of Working Group procedures.

Item 3. Discounted Membership Fees for Next Year

Secretary TSDSI informed that fees structure for various categories is part of R&R of TSDSI. Since it is not possible to change the fees structure without amending R&R, the Governing Council had offered discounts on both Admission Fees (payable one time) and Membership Fees (payable yearly).

Members were informed that the current discount is 75% on Membership Fees and no discount on Admission Fees.

There was a lot of discussion on membership fees of TSDSI. A few members felt that since operational expenses of TSDSI would be met through fees only, the fees could depend on the operational budget requirement of TSDSI. However, majority of the members felt that the present discounted fees structure should continue for another year as TSDSI still needs to attract some stakeholders to become members. Some members expressed the need to have a separate category for start-up companies. Others felt that DoT may be approached for a grant.

It was informed that DoT would be approached for grant towards payment of membership fees of organizations like 3GPP. All operational expenses would be met through fees and contributions from members only.

After some deliberations, it was resolved that,

- i. prevailing discounted fees structure will be in force for another year, i.e. 2015-16,
- ii. Entities who take membership from October 2014 will pay half-yearly fees for membership till March 31st, 2015,
- iii. if the operational budget of TSDSI falls short of the fees collection, the matter can be referred back to General Body for reconsideration of fee structure,
- iv. Governing Council is authorized to consider creating a separate category for start-up companies and take an appropriate decision. Till then, start-ups can participate as Guest/Observer in working group meetings as per R&R.

It was also decided that member companies would use their good offices to approach other stakeholders who are not yet members to persuade them for becoming members of TSDSI.

Item 4. Audited Financial Report

Audited Financial Report for the financial year ending March 2014 was placed before the General Body and approved.

It was observed that most of the financial transactions of TSDSI began only from April 2014. The statement of receipts and payments of TSDSI as on the date was presented before the General Body (Annexure 2). The closing balance is Rs 1.31 crores. It was informed that TSDSI

Secretariat currently operates with volunteers from C-DoT (Mr Chauhan), Ericsson (Dr Asok), CEWIT (Mr Babu), Tejas (Mr Vinod), IIT Bombay (Ms Sonal) and thus so far, there has been no expense on manpower. It was also informed that these volunteers have been given official designations so that they can interact with external world as TSDSI Representative, however, these people are not paid any honorariums. In the near future, TSDSI is expected to hire full time employees to manage its affairs.

Some members also expressed concern about TSDSI web-site. TSDSI Secretariat was asked to make the website attractive and informative.

Item 5. Update on Office Space

Members were informed that office space for TSDSI has been identified at Spaze Itech Park, Sector 49, Sohna Road, Gurgaon. The office has an area of 1668 Sq Ft of Super area and 1071 Sq Ft of carpet area on 6th floor of Tower A.

It was also informed that rental for furnished area has been agreed at Rs 60/Sq Ft/month on super area (which comes to Rs 1, 00,080 pm + 12.36% ST). The rent would begin from the handover date of the furnished office space.

The General Body accorded its approval for renting this space and authorized the Governing Council to sign the agreement.

Item 6. Update on International Participation- GSC, 3GPP and oneM2M

Dr Asok Chatterjee briefed the members about international participation of TSDSI. Dr Chatterjee informed that TSDSI has been accepted as member of Global Standards Collaboration (GSC) which has all Global SDO as its members. Dr Chatterjee informed that TSDSI has signed Letters of Intent to cooperate with all regional SDOs except TIA of USA. TIA has also now shown interest and TSDSI may sign LoIC with TIA as well. Members were informed that ETSI has now expressed its intent to alleviate its LoIC to a robust Memorandum of Understanding. Members were also informed that TSDSI has also been granted Observer status in 3GPP and would be granted Type 1 membership of oneM2M.

Few members expressed strongly that TSDSI needs to have voting rights in 3GPP in order to influence next generation wireless standards.

It was informed that 3GPP requires an IPR policy in order for TSDSI to be considered as Organizational Partner. After the adoption of IPR policy by TSDSI, a request would be submitted to the Project Coordination Group of 3GPP to consider TSDSI as organizational partner. It was informed that by January 2015, TSDSI may be accepted as seventh (7th) Partner member of 3GPP.

Item 7. IPR Policy

Chairman IPR working group Mr. AK Mittal briefed the members about the process that was followed in creating a draft IPR policy. He informed that the draft IPR policy along with Chairman's report was submitted to the Governing Council. The Governing council in its fourth meeting discussed the draft and decided to refer the draft to the General Body for consideration. Meanwhile, the Government's views on IPR policy were also received which were circulated to all members.

The Chairman IPR Working Group presented the proposed revisions by the Government along with rationale for revisions in detail (The Government's changes and its rationale are placed at Annexure 3).

After the briefing by Chairman IPR Working Group, the Chairman TSDSI Dr Kumar acknowledged that some options for voting on the draft IPR policy had been deliberated in the Governing Council. However, in view of the Government's proposed changes and its rationale given in the letter, the Chairman proposed that the IPR policy along with the revisions as proposed may be approved as the base IPR policy.

The General Body adopted the IPR policy with revisions as proposed by the Government as the first IPR policy of TSDSI.

It was also resolved that the amended draft is a base draft and would continue to be further worked up on in IPR working group. Any modifications made to the IPR draft by the working group would be considered again by the General Body. DoT's approval may also be sought.

It was also resolved that all members would be permitted to nominate one representative per company on the IPR working group.

Election of Governing Council

Chairman, TSDSI then requested Shri. RK Pathak, Election Officer to conduct the elections of Chairman, Vice-Chairman and Governing Council members.

Shri. RK Pathak informed that there are total 34 corporate members who are eligible to vote for 8 verticals of TSDSI as per Clause 8.2.1 of TSDSI R&R and separately for chairman and vice chairman position. He further added that each vertical can have a maximum of two (2) members on the TSDSI Governing Council.

He informed that based on the nominations received and scrutiny thereof, in all verticals, except two ('Indigenous Manufacturer' and 'Telecom Service Provider'), no election is required and eligible candidates were declared elected as the GC members.

The elections under 'Indigenous Manufacturer' and 'Telecom Service Providers' verticals of Governing Council and Chairman, Vice Chairman positions were conducted by the Election Officer.

All members eligible to vote then casted their votes on the ballot papers through their authorized representatives.

After counting of votes, Election Officer announced the results. Dr. Kumar Sivarajan was declared elected as the Chairman and Prof. Abhay Karandikar was declared elected as the Vice-Chairman of TSDSI.

Under 'Indigenous Manufacturers' vertical, Mr. Derek Richard Long (Ericsson India Pvt. Ltd.) and Mr. Anand Prasad (NEC India Pvt. Ltd.) were declared elected.

Under 'Telecom Service Providers' vertical, Mr. Sandeep Gupta (Bharti Airtel Ltd) was declared elected. For the second position, there was a tie between Mr. Sivakumar K (Vodafone India Ltd) and Mr. Neeraj Dindore (Tata Teleservices Ltd).

It was informed that as per Clause 7.2.6.3 in R&R of TSDSI, whenever there is equal voting during election of Governing Council, the Chairman or in the absence of whom, the Chairman of the meeting shall have the deciding vote.

Chairman then decided to toss a coin to break this tie between Mr Sivakumar (Vodafone) and Mr Neeraj Dindore (TTL). Mr Neeraj Dindore (TTL) emerged as the winner for the second position under Telecom Service Provider vertical.

The final results are placed at Annexure 4

The Chairman thanked the Election Officer for smooth conduct of the elections. The meeting ended with a vote of thanks to the Chair.

Annexure 1: Agenda**1st General Body Meeting****Date: 14th October, 2014****Venue: C-DOT Campus, Mandi Road, Mehrauli, New Delhi 110030**

Time	Activity	
General Body Meeting (Only for members)		
Venue: Exhibition Hall, Mezzanine Floor, C-DOT		
	Chair	Dr. Kumar Sivarajan, Chairman, TSDSI
14.00 - 15.30	Agenda items for General Body Meeting <ul style="list-style-type: none">a. Ratification of Working Groups - RNEs, M2M, Core, Backhaulb. Ratification of Working Group proceduresc. Budget of TSDSI and Discounted Membership Fees for next yeard. Audited Financial Reporte. Update on TSDSI Office Spacef. Update on international participation- Status on GSC, 3GPP and oneM2Mg. Report by Shri A. K. Mittal, Sr.DDG, TEC, DoT and Chair IPR working grouph. IPR Policyi. Any other items with the permission of the Chair	
15.30 – 16.00	Tea Break	
Election for Governing Council (only Corporate members)		
16.00 – 16.30	Election Officer	Shri R. K. Pathak, DDG(IC), DoT
	Election of Governing Council	
16:30 – 17:00	Results of Election and Vote of Thanks	

Annexure 2: Statement of Accounts**Telecommunication Standards Development Society, India
2014-15****Receipts & Payments account as on 10.10.2014**

Receipts	Amount(Rs.)	Payments	Amount(Rs.)
Opening Balance as on 01.04.14	2,25,011.00	Advertisement Expenses	2,022.00
Admission Fees & Annual Fee	1,37,61,276.40	Exhibition & Conference	2,47,402.00
Saving Bank Interest	61,720.00	Foreign Travel	3,27,788.00
		Honorarium	1,000.00
		Hospitality	5,725.00
		Laptop	28,034.00
		Membership Fees	8,427.00
		Printing & Stationary	4,243.00
		Professional Charges	30,567.00
		Rent on Building(incl. advances)	2,35,800.00
		TDS	5,259.00
		Vehicle Hire Charges	1,200.00
		Closing Balance as on 10.10.14	1,31,50,540.40
	1,40,48,007.40		1,40,48,007.40

Annexure 3: Govt. View on IPR policy

**File No.16-14/2014-IC
Department of Telecommunications
International Cooperation**

Date: 13th October 2014

Subject: Views of Department of Telecommunications on Draft IPR Policy of TSDSI

TSDSI has framed its Draft IPR policy by a working group consisting of Academia, Industry and Government representatives. The draft prepared by TSDSI working group was circulated to all members including Government nominees in Governing Council (GC) of TSDSI and was listed in agenda for discussion in Governing Council meeting scheduled on 9th September 2014. TSDSI secretariat has also circulated representations on proposed draft by some of the members.

2. Department of Telecommunications have noted that the IPR policies of standards bodies allow the inclusion of patented technology in standards only if patent holders disclose the presence of patented technology in a draft standard and make commitments to licensing the relevant IPR to standards implementers on Fair Reasonable and Non-discriminatory (FRAND) terms. It has also been noted that broad, non-discriminatory licensing of Standard-Essential Patents (SEPs) is a means to spread the benefits of inventions as quickly and widely as possible and therefore, time is the essence to develop a new standard in an emerging technology area. Hence undue delay in negotiation hampers the growth in technological developments. It is noted that IPR Policy is an ongoing evolving policy and TSDSI has also proposed a Standing IPR Working Group to discuss this policy.

3. The Government nominees in TSDSI GC meeting dated 9th September 2014 stated that government view will be communicated to TSDSI shortly.

4. Considering the fact that IPR regime in a country is developed on the basis of the specific requirements of the country and the rights are territorial in nature, it is important to ensure that the document is in sync with the domestic IPR regime.

5. Keeping in view the above, this department has revised certain paras of the draft IPR Policy. Specific amendments to bring the documents in line with India's IPR regime is indicated in the document (in track change mode) and their rationale is elaborated upon as part of specific comments given below.

Specific Comments with respect to revisions indicated by this Department in the Draft IPR Policy

- i. IPR is a right conferred by relevant statutes. Applications seeking these rights cannot be treated equivalent to an Intellectual Property Right. This is because an application may or may not result in a right. A number of applications tend to get rejected for lack of novelty, non-obviousness or lack of inventive step and industrial application. Besides this, an application may also result in pre-grant opposition if a third party is of the view that the invention for which a right is being sought is not patentable. Therefore, paragraph 2.7 may be revised as follow:-

2.7 IPR shall mean any intellectual property right conferred by statute law ~~including applications therefor~~, other than trademarks. For the avoidance of doubt, rights relating to get-up, confidential information, trade secrets, or the like, are excluded from the definition of IPR.

- ii. The concept of "patent family" is not appropriate in the context of India because India does not have utility model protection nor does it recognize Intellectual Property Applications as being equivalent to the rights assigned under statute law. Accordingly, para 2.10 may be deleted as the concept of the "patent family" has no legal basis in India:-

~~2. 10 PATENT FAMILY shall mean all the documents having at least one priority in common, including the priority document(s) themselves. For the avoidance of doubt, document refers to patents, utility models, and applications therefore.~~

- iii. Since the term "patent family" has been deleted corresponding references to the concept have also been deleted in the document. Thus, paragraph 3.2 has been deleted and paragraph 5.4 has been amended to remove the concept of "patent family". The form attached to the policy document has also been appropriately amended.
- iv. The concept "Affiliate" has been defined in the Companies Act. The definition adopted in the TSDSI Intellectual Property Rights Policy either needs to be identical to that under the Companies Act or may be deleted because in paragraph 1.3 where the term "Affiliates" is used it is mainly with a view to capture the universe of IPR holders of Standard Essential Patents. Since the term IPR holders in any case covers the entire universe i.e., members of TSDSI or any other party, it may be appropriate to delete the reference to "Affiliates" in which case the need for defining the term may not arise.

Accordingly, in para 1.3 the following amendments be made and para 2.1 may be deleted.

1.3 IPR holders ~~whether MEMBERS of TSDSI and their AFFILIATES or third parties,~~ should be adequately and fairly rewarded for the use of their IPRs in the implementation of STANDARDS and TECHNICAL SPECIFICATIONS.

It is state further that terms related to companies law, will be in line with the Companies Act of India.

v. Paras 5.7 & 5.8

Considering the fact that standard essential patents have the protection provided by the Patents Act, there is no need to have a specific provision. Therefore para 5.7 and para 5.8 may be deleted.

6. This view of Government is being conveyed to TSDSI Secretariat for further necessary action at their end.

7. This has approval of competent authority.

(R K Pathak)
Deputy Director General (IC)
Tel: +91 11 23717542

To
Executive Director (Administration)
TSDSI, C DoT Campus, New Delhi

Copy to:

Government Nominees on TSDSI Governing Council

Annexure 4: Result of Election

List of Governing Council Members declared elected

S.No	Type of Verticals as per 8.2.1 section of TSDSI R&R	Candidates elected		EO Remarks
1	Telecom Equipment Manufacturers with Indigenous Product IPR	1	Tejas Networks Ltd - Dr. Kumar Sivarajan	Elected
		2		Vacant
2	Indigenous Manufacturers	1	Ericsson India Pvt. Ltd. - Mr. Derek Richard Long	Elected
		2	NEC India Private Limited - Dr. Anand Prasad	
3	Telecom Service Providers	1	Bharti Airtel Limited - Mr. Sandeep Gupta	Elected
		2	Tata Teleservices Ltd - Mr. Neeraj Dindore	
4	Value Added Service Providers/Developers/Telecom Software	1	Qualcomm India Private Limited - Dr. Sandeep Sibal	Elected
		2	Tata Consultancy Services Ltd. - Mr. Amit Gupta	
5	Mobile Phone/CPEs Manufactures	1	Apple India Private Limited - Mr. Vimal Chawla	Elected
		2	Microsoft Corporation India Pvt Limited – Mr. Sandeep Bhargava	
6	R & D Organizations	1	Centre of Excellence in Wireless Technology – Prof. Bhaskar Ramamurthi	Elected
		2	IMC India Pvt Ltd - Dr. Heinz Matthias Ludwig	
7	Academic Institutions	1	Indian Institute of Technology Bombay – Prof. Abhay Karandikar	Elected
		2	IIMA IDEA Telecom Centre of Excellence – Prof. Rekha Jain	
8	PSU/Society of the Government (C-DOT etc)	1	Centre for Development of Telematics - Mr. Vipin Tyagi	Elected
		2	Telecommunications Consultants India limited – Mr. Rajesh Kapoor	
	TOTAL	15		1 position is vacant

Elected Chairman Details

S.No	Eligible Candidates	EO Remarks
1	Tejas Networks Ltd - Dr. Kumar Sivarajan	Elected

Elected Vice-Chairman Details

S.No	Eligible Candidates	EO Remarks
1	Indian Institute of Technology Bombay – Prof. Abhay Karandikar	Elected

Annexure 5: List of Attendees

S.No	Name	Organization	Email ids
1	Helene Workman	Apple India Private Limited	plotka@apple.com
2	Vimal Chawla	Apple India Private Limited	vimal_chawla@apple.com
3	Ashok Sud	AUSPI	asud@auspi.in
4	Dilip Sahay	AUSPI	dsahay@auspi.in
5	Sandeep Gupta	Bharti Airtel Limited	sandeep2.gupta@airtel.com
6	Rajiv Kapur	Broadcom Semiconductor India Private Ltd	rajiv.kapur@broadcom.com
7	Jayakrishnan Udayavarma	Broadcom Semiconductor India Private Ltd	jayakrishnan.udayavarma@broadcom.com
8	S Sukesan	C-DAC	sukesan@cdac.in
9	Vipin Tyagi	C-DOT	vipin@cdot.in, edr@cdot.in
10	Babu Narayanan	CEWiT	babunkj@cewit.org.in
11	Harish Krishnan	Cisco Systems India Pvt Ltd	harkris2@cisco.com
12	Vikram Tiwathia	COAI	VTIWATHIA@coai.in
13	Rajasekaran Soruban	Comviva Technologies Ltd.	rajasekaran.soruban@mahindracomviva.com
14	Arun Sachdeva	DeitY	asachdeva@deity.gov.in
15	R K Pathak	DoT	ddgip-dot@nic.in, rajeshkr.pathak@nic.in
16	Subrat Prusty	DoT	subratk.prusty@nic.in
17	Manoj Dawane	Ericsson India Pvt. Ltd.	manoj.dawane@ericsson.com
18	Derek Long	Ericsson India Pvt. Ltd.	derek.long@ericsson.com
19	Ashwani Kumar	Ericsson India Pvt. Ltd.	ashwani.k.kumar@ericsson.com
20	Sreenivasa Reddy	Ericsson India Pvt. Ltd.	sreenivasa.reddy@ericsson.com
21	Debu Nayak	Huawei Telecommunication (India) Co. Pvt. Ltd.	debu.nayak@huawei.com
22	Kavita Tatwadi	IIMA IDEA Telecom Centre of Excellence	kavita_iitcoe@iimahd.ernet.in
23	Abhay Karandikar	IIT Bombay	karandi@ee.iitb.ac.in

24	Punit Rathod	IIT Bombay	punitrathod@gmail.com
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26	Adrish Banerjee	IIT Kanpur	adrish@iitk.ac.in
27	Bhaskar Ramamurthi	IIT Madras	bhaskar@iitm.ac.in
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29	Pankaj Mohindroo	Indian Cellular Association	pankajm@ica-ind.org
30	Samik Mukherjee	Intel Technology India Pvt Ltd	samik.mukherjee@intel.com
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41	Rishi Raj Sharma	Nokia Solutions and Networks India Pvt. Ltd.	rishi_raj.sharma@nsn.com
42	Rajeev Merkhedkar	Nokia Solutions and Networks India Pvt. Ltd.	rajeev.merkhedkar@nsn.com
43	Jitendra Singh	Qualcomm India Private Limited	jitendra@qti.qualcomm.com
44	Sandeep Sibal	Qualcomm India Private Limited	ssibal@qti.qualcomm.com
45	Vinosh James	Qualcomm India Private Limited	vinosh@qti.qualcomm.com
46	Parag Kar	Qualcomm India Private Limited	pkar@qti.qualcomm.com

47	Santanu Mukherjee	Qualcomm India Private Limited	santanum@qti.qualcomm.com
48	Hardeep Saini	Qualcomm India Private Limited	hsaini@qti.qualcomm.com
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53	Amit Gupta	Tata Consultancy Services Ltd.	amit.gupta@tcs.com
54	Vijay Madan	Tata Teleservices Ltd	Vijay.Madan@tatatel.co.in
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